| Index of Claims   | Application No. | Applicant(s) |  |  |  |  |  |
|---|-----------------|--------------|--|--|--|--|--|
| <b>78</b> 111 <b>89</b> 118 19118 <b>8</b> 1118 81111 48118 11111 17811 8811 1881                           | 09/660,370      | HARDJONO     |  |  |  |  |  |
|   | Examiner        | Art Unit     |  |  |  |  |  |
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|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

| Cla      | aim      | Date   |          |          |              | ]        | Claim Date                                       |   |   |             |          | ] [              | Cla             | aim      | Date    |          |           |  |           |              |            |  |                 |                 |          |          |          |               |          |          |
|----------|----------|--------|----------|----------|--------------|----------|--|---|---|-------------|----------|------------------|-----------------|----------|---------|----------|-----------|--|-----------|--------------|------------|--|-----------------|-----------------|----------|----------|----------|---------------|----------|----------|
|          |          | П      | $\top$   | П        |              |          | $\Box$   |   | 1 |             |          |                  |                 |          |         | Т        |           |  | 1         |              |            |  | П               |                 | П        |          |          | $\Box$        | П        | $\neg$   |
| <u> </u> | Original | 3/7/05 | 1        | ĺ        |              |          | -  |   |   | <u> </u>    | Original | 3/7/05           |                 |          |         |          |           |  |           | <u> </u>     | Original   |  |                 |                 | - 1      |          |          |               | ļ        |          |
| Final    | - Ē      | 18     |          |          |              |          | -1   |   |   | Final       | rig (    | 37               |                 |          |         |          |           |  |           | Final        | rig        |  |                 | - 1             | - 1      |          | ı        |               |          |          |
|          | 0        | ``     |          |          |              |          |  |   |   |             | 0        |                  |                 |          |         |          | Ιİ        |  |           |              | 0          |  |                 |                 |          |          | ı        |               |          | - 1      |
|          | 1        | 1      | $\top$   | $\top$   | П            |          | T  |   |   |             | 51       | V                |                 | T        |         |          |           |  |           |              | 101        | T  | $\neg$          | $\neg$          | $\Box$   |          |          | T             | $\neg$   |          |
|          | 2        | 0      |          |          |              |          |  |   | 1 |             | 52       | 1                |                 | T        |         | 1        |           |  |           |              | 102        |  | $\neg$          |                 | $\neg$   | _        |          | $\neg$        |          | $\neg$   |
|          | 3        | 0      |          | 1        |              |          |  |   | 1 |             | 53       | V                |                 | $\top$   |         | 1        | $\Box$    |  | 1         |              | 103        |  |                 | $\Box$          | $\neg$   | T        |          | T             | $\neg$   |          |
|          | 4        | V      | $\top$   |          | П            |          | $\neg$   |   | 1 |             | 54       | 1                |                 |          |         | $T^{-}$  | П         |  |           |              | 104        |  | ı               |                 | $\neg$   |          | T        | $\neg$        | $\neg$   |          |
|          | 5        | 1      |          |          |              |          |  |   | 1 |             | 55       | 1                |                 | 1        | ┱       | 1        |           |  | 1         |              | 105        |  |                 |                 |          | $\neg$   | 一        |               | $\neg$   |          |
|          | 6        | 1      |          | 1        |              |          |  |   | 1 |             | 56       | V                |                 | П        | Т       |          |           |  |           |              | 106        |  |                 |                 |          |          |          |               |          |          |
|          | 7        | 1      |          | Τ        |              |          |  |   | ] |             | 57       | 1                |                 |          |         |          |           |  |           |              | 107        |  |                 |                 |          |          |          |               |          |          |
|          | 8        | V      |          |          |              |          |  |   | ] |             | 58       | 1                |                 |          |         |          |           |  | ] .       |              | 108        |  |                 |                 |          |          |          |               |          |          |
|          | 9        | 1      |          |          |              |          |  |   | ] |             | 59       | V                |                 |          |         |          |           |  |           |              | 109        |  |                 |                 |          |          |          |               |          |          |
|          | 10       | 1      |          |          |              |          |  |   |   |             | 60       | 1                |                 |          |         |          |           |  |           |              | 110        |  |                 |                 |          |          |          |               | $\Box$   |          |
|          | 11       | 1      |          |          |              |          |  |   | ] |             | 61       | V                |                 |          |         | $\perp$  | Ш         |  |           |              | 111        |  | $\Box$          | $\Box$          |          | [        |          | _             | $\Box$   |          |
|          | 12       | 1      |          |          |              |          |  |   | Ţ |             | 62       | 1                |                 | $\perp$  |         | <u> </u> |           |  |           |              | 112        |  | Ц               | [               | [        |          |          | $\perp$       | [        |          |
|          | 13       | -      |          |          |              |          |  |   | ] |             | 63       | 1                |                 |          | _       | Ļ        | Ш         |  | 1         |              | 113        |  |                 |                 |          |          | _        | ļ             | $\dashv$ | ]        |
|          | 14       | -      |          | Γ        |              |          |  |   | 1 |             | 64       | 1                |                 |          |         |          | Ш         |  | 1         |              | 114        |  |                 |                 |          | _        |          | $\dashv$      | $\dashv$ |          |
|          | 15       | •      |          |          |              | Ш        |  |   |   | <u> </u>    | 65       | 1                |                 |          |         | $\perp$  | Ш         |  |           |              | 115        |  |                 |                 | _        |          |          | $\rightarrow$ | _        |          |
|          | 16       | -      |          |          |              |          |  |   | 1 | L           | 66       | 1                |                 |          | $\perp$ |          | Ш         |  | 1         |              | 116        |  |                 | _               | _        | _        | _        | _             | ᆜ        |          |
|          | 17       | -      |          | <u> </u> | <u> </u>     |          |  |   |   |             | 67       | -                |                 | _        | $\perp$ |          | $\sqcup$  |  |           |              | 117        |  |                 |                 |          |          | _        | _             |          | _        |
|          | 18       | 1      |          |          | <u> </u>     |          |  |   | 1 | <u></u>     | 68       | -                |                 | _        | _ _     | <u> </u> | Щ         |  |           | <b></b>      | 118        |  |                 |                 | _        |          | _        | _             |          |          |
|          | 19       | 1      |          | $\perp$  |              |          |  |   | 1 | <u></u>     | 69       | -                | Ш               | $\perp$  |         |          | Ш         |  | 1         |              | 119        |  |                 |                 | _        |          |          | _             | _        |          |
| <u></u>  | 20       | 1      |          |          | ↓_           | Ш        |  |   |   | <u></u>     | 70       | L                |                 | _        |         | 4_       | Ш         |  | _         |              | 120        |  |                 | _               | _        | $\dashv$ | _        | $\dashv$      | $\dashv$ | _        |
| <u></u>  | 21       | 1      | _        | $\perp$  | <u> </u>     |          | $\Box$   |   |   | <u></u>     | 71       |                  | $\sqcup$        | _        | $\perp$ | ↓_       | Ш         |  |           | <u> </u>     | 121        |  |                 |                 |          | _        | _        | _             | _        |          |
|          | 22       | 1      |          |          | _            |          |  |   |   |             | 72       |                  |                 | _ _      |         |          |           |  | 1         |              | 122        |  |                 | _               |          | _        | ļ        | _             | _        |          |
|          | 23       | 1      |          |          | _            |          |  | _ |   |             | 73       | _                | $\sqcup$        | $\perp$  | $\perp$ | 4_       |           |  | 4         |              | 123        |  |                 |                 | _        | _        | _        | $\dashv$      |          | $\dashv$ |
| L        | 24       | 1      |          | $\bot$   | _            | Ш        | 1  | _ |   |             | 74       | <u> </u>         |                 | _        | _       | ļ        | $\square$ |  | 1         |              | 124        | _  | -               |                 | _        | _        | _        | $\dashv$      |          |          |
|          | 25       | 1      |          |          | $\perp$      | Ш        |  | _ |   |             | 75       |                  | $\sqcup$        | 4        |         | <u> </u> | 1         |  | 4         |              | 125        |  |                 |                 | _        | _        |          | $\dashv$      |          | $\dashv$ |
|          | 26       | 1      |          | _        | <u> </u>     |          | $\Box$   |   | 4 | <u></u>     | 76       | L                |                 | _        | $\perp$ | 4        |           |  |           |              | 126        |  |                 |                 |          |          |          | $\dashv$      | $\dashv$ | _        |
|          | 27       | ٧      | _ _      | -        | ↓_           | Ш        | $\sqcup$   |   | - | <u> </u>    | 77       |                  |                 | -        | _       | -        |           |  | -         | <u> </u>     | 127        |  |                 |                 |          |          |          | $\dashv$      | $\dashv$ | $\dashv$ |
|          | 28       | 1      |          | _        | ļ            | _        |  |   | 1 | <u> </u>    | 78       |                  | $\sqcup$        | +        | _       | 4—       |           |  | -         | <u> </u>     | 128        |  | $\dashv$        |                 | _        | _        |          | _             |          |          |
|          | 29       | V      |          | —        | <del> </del> | _        | $\dashv$   |   | 1 |             | 79       |                  | $\sqcup$        | 4        |         |          | -         |  | ┨         |              | 129        |  | $\Box$          |                 | _        | _        | -        | $\dashv$      |          |          |
|          | 30       | 1      |          | -        | ╀            | Ш        | $\sqcup$   |   | 1 |             | 80       |                  |                 |          | - -     | +        | 1         | $\rightarrow$                                    | ┨         |              | 130        |  |                 |                 | _        | _        |          |               |          | $\dashv$ |
|          | 31       | 1      | $\perp$  | ╄-       | ╀-           | _        | $\vdash$   |   | - |             | 81       |                  | $\vdash$        | +        | - -     | +-       |           |  | -         | <u> </u>     | 131        | _  | -               |                 |          | _        | -        | $\dashv$      | $\dashv$ |          |
|          | 32       | 1      | -        |          | ┈            | Н        | $\vdash$   |   | ┨ |             | 82       |                  | ⊢               |          |         | +        | $\vdash$  | +  | ┨         |              | 132        |  | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | -        |               |          |          |
|          | 33       | 1      | +        | +        | ₩            |          | $\Box$   |   | { |             | 83       | H                | $\vdash$        |          | -       | +-       | $\vdash$  | +  | -         |              | 133<br>134 |  | Н               |                 | _        |          |          | $\dashv$      | $\dashv$ |          |
|          | 34       | 1      | +        | +        | +-           | $\vdash$ |  | + | { |             | 84<br>85 | $\vdash$         | $\vdash$        | +        | +       | +-       | ├         |  | $\exists$ | <del> </del> | 135        | -  | $\vdash \vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$      | $\dashv$ |          |
|          | 35<br>36 | 1      | +        | +        | $\vdash$     | $\vdash$ | $\vdash$   | + | 1 |             | 86       | $\vdash$         | $\vdash \vdash$ | +        | +       | ╁        | +         |  | 1         | <del></del>  | 136        | -  | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | $\dashv$      | $\dashv$ | $\dashv$ |
|          | 36       | "      | +        | +-       | ┼            | $\vdash$ | $\vdash$   | + | 1 |             | 87       |                  | $\vdash$        | +        | +       | +        | $\vdash$  | $\vdash$   | 1         | <del> </del> | 137        | H  | $\vdash$        | $\vdash$        | -        | $\dashv$ |          | -             |          | -        |
| <u> </u> | 38       | -      | -+       | +        | $\vdash$     | $\vdash$ | $\vdash$   | - | 1 | $\vdash$    | 88       | -                | $\vdash$        | $\dashv$ | +       | +        | $\vdash$  | <del>                                     </del> | 1         | <u> </u>     | 138        | H  | -               | ┝╌┤             | -        |          |          | $\dashv$      | $\dashv$ | -        |
| <u> </u> | 39       | +++    | -+       | +        | $\vdash$     | $\vdash$ | -  |   | ł | 1           | 89       | -                | $\vdash$        | +        | +       | +        | $\vdash$  | <del>- -</del>                                   | 1         |              | 139        |  | $\vdash$        |                 |          | -        |          | $\dashv$      | $\dashv$ | $\dashv$ |
|          | 40       | ╁      | +        | +        | -            | -        | $\vdash \vdash$                                  | + | 1 | <del></del> | 90       |                  | $\vdash$        | +        | +       | +        | +         | +  | 1         | -            | 140        | $\vdash$   | $\vdash \vdash$ | $\vdash$        | -        | $\dashv$ |          | $\dashv$      | $\dashv$ |          |
|          | 41       | +      | +        | +        | $\vdash$     | $\vdash$ | $\vdash$   |   | 1 | <u> </u>    | 91       | +-               | $\vdash$        | $\dashv$ | +       | +        | $\vdash$  | -  | ┨         | <del> </del> | 141        | H  | $\vdash$        | $\vdash$        | _        | -        | _        | $\dashv$      | -        | $\dashv$ |
|          | 42       | :      | +        | +        | $\vdash$     | -        | $\vdash$   | + | 1 | <u> </u>    | 92       | $\vdash$         | H               | $\dashv$ | +       | +        | $\vdash$  | -  | 1         | <del> </del> | 142        |  | $\vdash$        | $\vdash \vdash$ |          | -        |          | $\dashv$      | $\dashv$ | $\dashv$ |
| $\vdash$ | 43       | -      | $\dashv$ | +        | +            |          | $\vdash$   | + | 1 | <u> </u>    | 93       | <del> </del>     | ┝╌╟             | $\dashv$ | +       | +        | H         |  | 1         | <del> </del> | 143        | $\vdash$   | $\vdash \vdash$ | $\vdash$        |          |          | -        | $\dashv$      | $\dashv$ | $\dashv$ |
|          | 44       | +      | -+       | +        | ╁╌           | $\vdash$ | $\vdash \vdash$                                  |   | 1 |             | 94       | <del>  -  </del> |                 | +        | +       | +        | $\vdash$  | $\vdash$   | 1         | <del> </del> | 144        | Н  | Н               | $\vdash$        |          | -        |          | $\dashv$      | $\neg$   | $\dashv$ |
|          | 45       | -      | $\dashv$ | +-       | +            |          | $\vdash$   | + | 1 |             | 95       | <u> </u>         | $\vdash$        | +        | +       | +        | Н         | <del>                                     </del> | 1         | -            | 145        | <del>                                     </del> | $\vdash$        |                 | $\neg$   |          | -        | $\sqcap$      | $\dashv$ | $\dashv$ |
| <b></b>  | 46       | -      | +        | +        | $\vdash$     |          | $\vdash$   | + | 1 | -           | 96       | $\vdash$         | H               | $\dashv$ | 十       | +        | H         | <del>                                     </del> | 1         |              | 146        | _  | $\vdash$        | Н               |          |          |          | $\dashv$      | $\dashv$ | $\dashv$ |
| -        | 47       | -      | $\dashv$ | +        | +            | $\vdash$ | $\vdash$   | - | 1 | <u> </u>    | 97       | ┼─               | $\vdash$        | $\dashv$ | +       | +        | +         | $\vdash\vdash$                                   | 1         | <del> </del> | 147        |  | H               | Н               |          | -        | $\dashv$ | $\vdash$      |          | $\vdash$ |
| <b></b>  | 48       | 1      | $\dashv$ | +        | +-           | $\vdash$ |  | + | 1 | -           | 98       | 1-               | H               | $\dashv$ | +       | +        | $\vdash$  | $\vdash$   | 1         | <u> </u>     | 148        |  | $\vdash$        | H               |          |          | -        | $\vdash$      | $\dashv$ | $\sqcap$ |
| -        | 49       | V      | $\dashv$ | +        | †-           |          | <del>                                     </del> | + | 1 | -           | 99       | 1-               | $\vdash$        | $\dashv$ | +       | ╅        | $\vdash$  | <del>    -</del>                                 | 1         |              | 149        |  | H               |                 | —        | $\vdash$ |          | $\sqcap$      | $\dashv$ | П        |
| $\vdash$ | 50       | 1      | +        | +        | t            | -        | $\vdash \vdash$                                  | + | 1 |             | 100      |                  |                 | 十        | $^{+}$  | +        | Н         | $\vdash$   | 1         | <b>—</b>     | 150        |  | П               | М               |          | -        |          | $\Box$        | $\neg$   | П        |
|          | , 55     | т. 1   |          |          |              |          |  |   | _ | Ь           |          | ч                |                 |          |         | —        | لـــــــ  | Щ.   | _         |              |            |  | لـــــا         | لب              |          |          |          |               |          |          |